

AMENDMENTS TO THE CLAIMS:

1. (Original) A method of surveying drill holes comprising the steps of feeding a survey tool into a borehole on the end of a drill string as part of the hole drilling operation, activating the survey tool once drilling is completed, and taking position readings from the survey tool as the drill string is withdrawn from the hole.
2. (Original) A method as claimed in claim 1, wherein the survey tool is maintained in a sleeping mode while drilling is undertaken
3. (Currently Amended) A method as claimed claim in ~~either claim 1~~ of 2, wherein the survey tool is configured to sense the cessation of drilling to activate the survey tool once drilling is completed.
4. (Currently Amended) A method as claimed in ~~anyone of the preceding claims~~ claim 1, wherein the position readings are taken from the survey tool as the withdrawal of the drill string is temporarily halted for the removal of each drill rod from the drill string.
5. (Original) An apparatus for surveying drill holes using a method incorporating the steps of feeding a survey tool into a borehole on the end of a drill string as part of the hole drilling operation, activating the survey tool once drilling is completed, and taking position readings from the survey tool as the drill string is withdrawn from the hole, wherein the survey tool includes an inertial survey package and a power source.
6. (Original) An apparatus as claimed in claim 5, wherein the survey tool also includes a data logger.
7. (Currently Amended) An apparatus as claimed in ~~either claim 5 or claim 6~~, wherein the survey tool is mounted to the drill string by a damping system arranged to isolate the survey tool from vibrations and acceleration induced in the drill string.

8. (Currently Amended) An apparatus as claimed in ~~anyone of claims 5 to 7~~ claim 5, wherein the inertial survey package is selected from the group comprising commercially known inertial survey packages, for superior characteristics of resistance to vibration and impact.

9. (Original) An apparatus as claimed in claim 8, wherein the inertial survey package is selected for superior resistance to vibration and impact when in a sleeping mode.

REMARKS

By the foregoing amendments, claims 2, 4, 7, and 8 have been amended to omit multiple dependencies and to better conform to standard U S patent practice. In addition, a cross-reference to the related patent application has been added.

The Patent Office is hereby authorized to credit any overpayment or charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 50-3629.

Respectfully submitted,

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